RUHAT BANGALORE MAHANAGARA PALIK

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of Work: CONSTRUCTION OF ADDITIONAL FLOOR TO SAMUDAYA BHAVANA BUILDING AT HEGDENAGAR EASTERN SIDE IN WARD -06 JAKKUR

Est Cost : 25.00 lakhs

ಅಂದಾಜು ಪಟ್ಟಿಯ ವರಧಿ

ವಿಷಯ: ವಾರ್ಡ್ ನಂ. 06(ಜಕ್ಕೂರು) ವ್ಯಾಪ್ತಿಯ CONSTRUCTION OF ADDITIONAL FLOOR TO SAMUDAYA BHAVANA BUILDING AT HEGDENAGAR EASTERN SIDE IN WARD -06 JAKKUR .ಕಾಮಗಾರಿಗೆ ಅನುಮೋದನೆ ನೀಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: ಮಾನ್ಯ ಆಡಳಿತಾಧಿಕಾರಿಗಳು, ಬಿಬಿಎಂಪಿ ರವರು ಶಿಕ್ಷಣ ಮತ್ತು ಸಾಮಾಜಿಕ ನ್ಯಾಯ ಸ್ಥಾಯಿ ಸಮಿತಿ ಹಾಗೂ ದಿನಾಂಕ: 08.02.2024ರಂದು ನಡೆದ ಸಭೆಯ ನಡವಳಿಯಂತೆ

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಾರ್ಡ್ ನಂ. 06(ಜಕ್ಕೂರು) ವ್ಯಾಪ್ತಿಯ **CONSTRUCTION OF ADDITIONAL FLOOR TO SAMUDAYA BHAVANA BUILDING AT HEGDENAGAR EASTERN SIDE IN WARD -06 JAKKUR** ಕಾಮಗಾರಿಗೆ ರೂ. 25.00 ಲಕ್ಷಗಳ ಅಂದಾಜು ಮೊತ್ತದಲ್ಲಿ 2023-24ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶಿರ್ಷಿಕೆ ಪಿ-1878 ಅಡಿಯಲ್ಲಿ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಅನುಮೋದಿಸಲಾಗಿರುತ್ತದೆ.

ಅದರಂತೆ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳುವ ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿದ್ದು, ವಾರ್ಡ್ ವ್ಯಾಪ್ತಿಯ ಹೆಗಡೆನಗರದಲ್ಲಿ ಹಾಲಿ ನಿರ್ಮಿಸಿರುವ ಸಮುದಾಯಭವನ ಕಟ್ಟಡದಲ್ಲಿ ಹೆಚ್ಚುವರಿ ಮಹಡಿಯನ್ನು ನಿರ್ಮಾಣ ಮಾಡುವ ಅವಶ್ಯಕತೆ ಇದ್ದು, ಅಗತ್ಯ ಅಂಶಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು PWD SR- 2023-24 ದರಪಟ್ಟಿ ದರಗಳನ್ನು ಅಳವಡಿಸಿ ರೂ. 25.00 ಲಕ್ಷಗಳಿಗೆ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ 2023-24ನೇ ಸಾಲಿನ ಆಯವ್ಯಯದ ಲೆಕ್ಕಶಿರ್ಷಿಕೆ ಪಿ-1878 ಅನುದಾನದಡಿಯಲ್ಲಿ ಅನುಮೋದಿಸಿ, ಕಾಮಗಾರಿ ಸಂಕೇತ ನೀಡಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಬೇಕಾಗಿ ಹಾಗೂ ಕಾಮಗಾರಿಯನ್ನು ತುರ್ತಾಗಿ ಕೈಗೊಳ್ಳಬೇಕಾಗಿರುವುದರಿಂದ ಟೆಂಡರ್ ಕರೆದು ಗುತ್ತಿಗೆದಾರರನ್ನು ನೇಮಿಸಿ ಕಾರ್ಯದೇಶ ನೀಡಲು ಈ ಮೂಲಕ ತಮ್ಮಲ್ಲಿ ಕೋರಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-26

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

		Estimate Cost Rs.	2500000.00

NAME OF WORK : CONSTRUCTION OF ADDITIONAL FLOOR TO SAMUDAYA BHAVANA BUILDING AT HEGDENAGAR EASTERN SIDE IN WARD -06 JAKKUR

Sl. No	Details	unit	Nos	L	B	D	Qty	Rate	Amount
1	Providing and laying in position Cement Concrete for all Foundation works.The granite/trap/basalt crushed graded coarse aggregates and fine aggregatesas per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, costof all materials, quality confirming to the requirements of relevant IS codes,labour, Usage charges of machinery, curing and all the other appurtenancesrequired to complete the work as per technical specifications.. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates) (PWD SR 20223-24 VOL 1, page No 15 I No 2.2.3)								
	SF COLUMNS		9	0.45	0.20	2.70	2.19		
			3	0.60	0.20	2.70	0.97		
							3.16		
	SF LINTEL		2	12.74	0.15	0.10	0.38		
			2	8.96	0.15	0.10	0.27		
		Cum					**0.65**		
	SF Beam	LW	3	12.74	0.15	0.45	2.58		
		SW	4	8.96	0.15	0.45	2.42		
		Cum					**5.00**		
	SF Roof		1	14.74	11.26	0.15	24.90		
	Staircase area		-1	5.20	2.80	0.15	-2.18		
		Cum					**22.71**		
	Staircase	waist slab	2	3.00	1.50	0.15	1.35		
	Steps	0.50	22	1.50	0.30	0.15	0.74		
		landing	1	2.80	1.20	0.15	0.50		
							2.60		
	Chejja		14	1.50	0.75	0.10	1.58		
		Cum					**1.58**		
	lintel HR		4	5.20	0.15	0.15	0.47		
			4	2.90	0.15	0.15	0.26		
							0.73		
							35.69	**6969.60**	248762.00
	BR	6336.00							
	Area weitage 10%	633.60							
	TOTAL	6969.60							
2	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification.(PWD SR 2023-24, VOL I, page No 18 I No 2.11a)								
	SF								
	COLUMNS			3.16	X	180	568.62		
	Lintel			0.65	X	50	32.55		
	Beam			5.00	X	180	899.829		
	roof			5.00	X	75	374.92875		
	Staircase			2.60	X	75	194.7375		
	Chejja			1.58	X	25	39.375		
	lintel			0.73	X	50	36.45		
		KG					**2110.04**	**98.40**	207634.00
	BR	89.46							
	Area weitage 10%	8.95							

	TOTAL	98.40							
3	Formwork , Centering for Columns 70% on Finished Concrete Item as per the PWD SR 2023-24, VOL I, Appendix I, P.NO-111,)								
	SF columns	same AS RCC							
							3.16	**5068.80**	16012.00
		CUM							
	BR	6336.00							
	Centring cost 70%	4435.20							
	Area weitage 10%	633.60							
	TOTAL	**5068.80**							
4	Formwork , Centering for Lintel & Beams 60% on Finished Concrete Item as per the PWD SR 2023-24, VOL I, Appendix I,P.NO-112.,)								
	SF Lintel	same AS RCC					0.65		
		CUM					**0.65**		
	SF Beam	same AS RCC					**5.00**		
		Cum					**5.00**		
	lintel	same AS RCC					0.73		
		SF					**6.38**	**4435.20**	28292.00
	BR	6336.00							
	Centring cost 60%	3801.60							
	Area weitage 10%	633.60							
	TOTAL	**4435.20**							
5	Formwork , Centering for Roof 70% on Finished Concrete Item as per the PWD SR 2023-24, VOL I, Appendix I,P.NO-112,)								
	SF Roof	same AS RCC					22.71		
		CUM					**22.71**	**5068.80**	115122.00
	BR	6336.00							
	Centring cost 70%	4435.20							
	Area weitage 10%	633.60							
	TOTAL	**5068.80**							
6	Formwork , Centering for Chejja 45% on Finished Concrete Item as per the PWD SR 2023-24, VOL I, Appendix I,P.NO-112,)								
	SF Qty as same as chejja cc						1.58		
		CUM					**1.58**	**3484.80**	5489.00
	BR	6336.00							
	Centring cost 45%	2851.20							
	Area weitage 10%	633.60							
	TOTAL	**3484.80**							
7	Formwork , Centering for Staircase 50% on Finished Concrete Item as per the PWD SR 2023-24, VOL I, Appendix I,P.NO-112,)								
	SF	same AS RCC					**2.60**		
		CUM					**2.60**	**3231.36**	8390.00
	BR	6336.00							
	Centring cost 50%	3168.00							
	Area weitage 10%	63.36							
	TOTAL	**3231.36**							
8	Providing & constructing load bearing wall with Solid Concrete blocks of size 400x150x200 mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications..(PWD SR 2023-24, VOL II, page No-17 I No 6.33)								
	SF								
	LW		2	12.74		2.70	68.80		
	SW		2	8.96		2.70	48.38		

	Parapet		1	46.80		1.00	46.80		
	HR		2	16.20		2.90	93.96		
							257.94		
	Deduction	D	1	1.20		2.10	2.52		
		W	14	1.50		1.20	25.20		
							27.72		
		Sqm					**230.22**	**1354.10**	311741.00
	BR	1231.00							
	Area weitage 10%	123.10							
	TOTAL	1354.10							
9	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications..(PWD SR 2023-24, VOL II, page No-17 I No 6.34)								
	SF								
	ROOMS LW		1	3.00		2.70	8.10		
	SW		1	2.80		2.70	7.56		
	TOILET LW		2	1.50		2.70	8.10		
	SW		2	1.10		2.70	5.94		
							29.70		
	Deduction	D	2	0.90		2.10	3.78		
		D1	2	0.75		2.10	3.15		
		V	2	0.60		0.60	0.72		
							7.65		
		Sqm					**22.05**	**1214.40**	26778.00
	BR	1104.00							
	Area weitage 10%	110.40							
	TOTAL	1214.40							
10	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding.(PWD SR 2023-24, VOL II, page No 86 I No 11.34A)								
	SF	W	14	1.50		1.20	25.20		
		V	2	0.60		0.60	0.72		
							25.92		
		kg		25.92	X	30	**777.60**	**184.80**	143700.00
	BR	168.00							
	Area weitage 10%	16.80							
	TOTAL	184.80							
11	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 8 mm thickness (weight not less than 20 kg/ m²) including cost of materials, labour, usage charges of machinery complete as per specifications(PWD SR 2023-24, VOL II,page No 89 I No 11.37.3)								
	SF	W	14	1.50		1.20	25.20		
		V	2	0.60		0.60	0.72		
		m2					**25.92**	**1435.50**	37208.00
	BR	1305.00							
	Area weitage 10%	130.50							
	TOTAL	1435.50							

12	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges com, ete as per specifications..(PWD SR 2023-24, VOL II, page No 99 I No 12.11)								
	0.1+.9+0.1+.9+2.1+0.1+2.1+0.1	D	2	6.40	0.1	0.15	0.19		
		m3					**0.19**	**151881.4**	29161.00
	BR	138074.00							
	Area weitage 10%	13807.40							
	TOTAL	151881.40							
13	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)) (PWD SR 2023-24, VOL II, page No 100 I No 12.15)								
		D	2	0.90		2.10	3.78		
		m2					**3.78**	**8188.40**	30952.00
	BR	7444.00							
	Area weitage 10%	744.40							
	TOTAL	8188.40							
14	Providing and fixing 1 mm thick M.S. sheet sliding-shutters, with frame and diagonal braces of 40x40x6 mm angle iron, 3 mm M.S. gusset plates at the junctions and corners, 25 mm dia pulley, 40x40x6 mm angle and T- iron guide at the top and bottom respectively, including applying a priming coat of approved steel primer including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.(PWD SR 2023-24, VOL II, page No 77 I No 11.4)								
	HR	D2	2	1.20		2.10	5.04		
		Sqm					**5.04**	**5743.10**	28945.00
	BR	5221.00							
	Area weitage 10%	522.10							
	TOTAL	5743.10							
15	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.(PWD SR 2023-24, VOL II, page No 104 No12.54)								
	FF	D2	2	0.75			1.50		
			2	2.1			4.20		
		RMT					**5.70**	**349.80**	**1994.00**
	BR	318.00							
	Area weitage 10%	31.80							
	TOTAL	349.80							
16	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification &direction of Engineer-in-charge fixed to frames with 3 nos of 75mm Aluminium hinges. (PWD SR 2023-24, VOL II, page No 104 No 12.55.1)								
	SF	D2	2	0.9		2.1	3.78		
		Sqm					**3.78**	**2602.60**	9838.00
	BR	2366.00							
	Area weitage 10%	236.60							

	TOTAL	2602.60							
17	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaf. ding, including cost of materials, labour, curing complete as per specifications and as per direc- tions of Engineer-in-charge.. (PWD SR 2023-24, VOL II, page No 41 I No 8.3.1)								
	FF								
	Outside Wall		2	12.74		4.30	109.56		
			2	9.26		4.30	79.64		
	CHEJJA		2	0.6		0.60	0.72		
	Inside columns		1	1.50		2.70	4.05		
							193.97		
	Deduction	D	1	1.00		2.10	2.10		
		W	7	1.50		1.20	12.60		
							14.70		
	HR		1	16.20		2.80	45.36		
			-1	1.00		2.10	-2.10		
							43.26		
		Sqm					**229.88**	**389.40**	89515.00
	BR	354.00							
	Area weitage 10%	35.40							
	TOTAL	389.40							
18	Providing 15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix: 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (PWD SR 2023-24, VOL II, page No 42 I No 8.5.2)								
	SF Inside								
	LW		2	12.44		3.15	78.37		
	SW		2	8.96		3.15	56.45		
	ROMS		4	3.00		3.15	37.80		
			2	2.90		3.15	18.27		
	TOILET		4	1.50		3.15	18.90		
			4	1.20		3.15	15.12		
							224.91		
	DEDUCTION	D	2	0.9		2.10	3.78		
		W	14	1.50		1.20	25.20		
		D1	2	0.75		2.10	3.15		
		V	2	0.60		0.60	0.72		
							32.85		
	HR		4	5.20		2.90	60.32		
			8	2.90		2.90	67.28		
			-1	1.20		2.10	-2.52		
							125.08		
		Sqm					**317.14**	**383.90**	121750.00
	BR	349.00							
	Area weitage 10%	34.90							
	TOTAL	383.90							
19	Providing 12 mm cement plaster with Cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer- in-charge. (PWD SR 2023-24, VOL II, page No 42 I No 8.6.1)								
	CEILING PLASTERING								
	HALL		1	12.44		8.96	111.46		
	Staircase waist slab		2	3.00		1.50	9.00		

		Sqm					**437.60**	**355.30**	155480.00
	BR	323.00							
	Area weitage 10%	32.30							
	TOTAL	355.30							
20	Providing and laying Vitrified tiles with thickness 9-10 mm in different sizes with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete..(PWD SR 2023-24, VOL II, page No 61 I No 9.17.2) Size of Tile 600x600 mm								
	SF								
	Room		2	3.00		2.90	17.40		
	Deduction		-2	1.50		1.20	-3.60		
	HALL		1	12.44		8.96	111.46		
	Deduction		-2	3		2.9	-17.40		
			-1	5.2		2.9	-15.08		
							92.78	**1292.50**	119921.00
	BR	1175.00							
	Area weitage 10%	117.50							
	TOTAL	1292.50							
21	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete. (PWD SR 2023-24, VOL II, page No 60 I No 9.11)								
	SF								
	Toilet		1	6.75		7.25	48.94		
		Sqm					**48.94**	**1086.76**	53183.00
	BR	1076.00							
	Area weitage 10%	10.76							
	TOTAL	1086.76							
22	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. (PWD SR 2023-24, VOL II, page No 65 I No 9.39)								
	SF								
	Toilet		2	1.50		1.20	3.60		
			2	1.20		1.20	2.88		
			-2	0.75		1.20	-1.80		
		Sqm					**4.68**	**1593.90**	7459.45
	BR	1449.00							
	Area weitage 10%	144.90							
	TOTAL	1593.90							
23	Providing and laying flooring and steps fine dressed granite stone slabs 40 mm thick on cement mortar bed 1:6, 20 mm thick, and pointed with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications. (PWD SR 2023-24, VOL II, page No 63 I No 9.29)								
	SF staircase								
	treads		20	1.50	0.30		9.00		
	raises		21	1.50	0.15		4.73		
	LANDING		1	2.90	1.20		3.48		
							17.21	**4736.60**	81493.00
	BR	4306.00							
	Area weitage 10%	430.60							

	TOTAL	4736.60							
24	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(PWD SR 2023-24, VOL II, page No 46 I No 8.31)								
	SF Outside PaintQty as same as outside plaster						229.88	229.88		
		Sqm						**229.88**	**195.80**	**45011.00**
	BR	178.00								
	Area weitage 10%	17.80								
	TOTAL	195.80								
25	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (PWD SR 2023-24, VOL II, page No 45 I No 8.25)								
	FF								
	Qty as same as inside plaster							317.14		
	Qty as same as ceiling plaster							437.60		
		Sqm						**754.74**	**150.70**	**113740.00**
	BR	137.00								
	Area weitage 10%	13.70								
	TOTAL	150.70								
26	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(PWD SR 2023-24, VOL II,,P.NO-48), I.NO-8.41)								
	SF	W	14	1.50		1.20	25.20		
		V	2	0.60		0.60	0.72		
		D	1	1.20		2.10	2.52		
							28.44		
		Sqm		28.44	X	2.00	**56.88**	**183.70**	**10449.00**
	BR	167.00							
	Area weitage 10%	16.70							
	TOTAL	183.70							
27	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. E.R.W. tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineerin- Charge.(PWD SR 2023-24, VOL II, page No 84 I No 11.26.1)								
			2	3.30		0.90	5.94		
		Sqm					**5.94**		
				5.94	X	15.00	**89.10**	**151.80**	**13525.00**
	BR	138.00							
	Area weitage 10%	13.80							
	TOTAL	151.80							
	ELECTRICAL WORK								

28	Supplying heavy gauge PVC conduit pipe ..... dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/ stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.(PWD ESR 2023-24, VOL 6, page No 2 I No 1.1.2)								
			1	30			30		
		M					30	**89.10**	2673.00
	BR	81.00							
	Area weitage 10%	8.10							
	TOTAL	89.10							
29	Supplying heavy gauge PVC Conduit Pipe .... dia ..... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (PWD Electrical SR 2023-24 Item No: 1.2.2 P.No.2)								
			1	30			30		
		M					30	**85.80**	2574.00
	BR	78.00							
	Area weitage 10%	7.80							
	TOTAL	85.80							
30	Supplying and fixing PVC/metal conduit Deep junction box 25 mm deep Junction box (PWD Electrical SR 2023-24 Item No: 1.5.2 P.No.3)								
			1	6			6		
		EACH					6	**61.60**	369.60
	BR	56.00							
	Area weitage 10%	5.60							
	TOTAL	61.60							
31	Supplying And Fixing Metal Fan Box with Round Hook(PWD Electrical SR 2023-24 Item No: 1.13 P.No.4)								
			1	6			6		
		EACH					6	**128.70**	772.20
	BR	117.00							
	Area weitage 10%	11.70							
	TOTAL	128.70							
32	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet .Long point above 6Mtr upto 10Mtr from tapping point to out let via switch (PWD Electrical SR 2023-24 Item No: 2.1.3 P.No.5)								
			1	6			6		
		EACH					6	**957.00**	5742.00
	BR	870.00							
	Area weitage 10%	87.00							
	TOTAL	957.00							

33	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS- 694:2010 1.5MM2(PWD Electrical SR 2023-24 Item No: 2.3.2 P.No.5)								
			1	6			6		
		M					6	**28.60**	171.60
	BR	26.00							
	Area weitage 10%	2.60							
	TOTAL	28.60							
34	Supplying 6A flush type socket and 6 A flush type SP switch either surface/flush mounting in existing gang box or in 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required as per IS 1293 and IS 38546A 3/5 Way (PWD Electrical SR 2023-24 Item No: 3.1.2 P.No.8)								
			1	4			4		
		EACH					4	**161.70**	646.80
	BR	147.00							
	Area weitage 10%	14.70							
	TOTAL	161.70							
35	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 10-12 Way(PWD Electrical SR 2023-24 Item No: 3.4.6 P.No.8)								
			1	4			4		
		EACH					4	**350.90**	1403.60
	BR	319.00							
	Area weitage 10%	31.90							
	TOTAL	350.90							
36	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc, and fixing on existing wooden or metal box using N.F. screws(PWD Electrical SR 2023-24 Item No: 3.8 P.No.9)								
			1	1000			1000		
		Cm2					1000	**0.45**	451.00
	BR	0.41							
	Area weitage 10%	0.04							
	TOTAL	0.45							
37	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293Stepped Fan Regulator Two Module (PWD Electrical SR 2023-24 Item No: 3.6.4 P.No.9)								
			1	2			2		
		each					2	**392.70**	785.40
	BR	357.00							
	Area weitage 10%	35.70							
	TOTAL	392.70							
38	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.. -6A One Way Switch (PWD Electrical SR 2023-24 Item No: 3.6.7 P.No.9)								
			1	5			5		
		each					5	**198.00**	990.00
	BR	180.00							

	Area weitage 10%	18.00							
	TOTAL	198.00							
39	Supply of round/square recess/surface mounted rolling type LED Down light with ..... W GU 10 LED Lamp Rib Fabricated from diecast aluminium with white powder coated prewired to mains connector & has swivelling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @50/60Hz & Power factor >0.9 along with CE approved. 2years Warranty against any manufacturing defect working under standard electrical condition LED square or round down light 15-18W(PWD Electrical SR 2023-24 Item No: 11.5.3 P.No.44)								
			1	5			5		
		each					5	**1838.10**	9190.50
	BR	1671.00							
	Area weitage 10%	167.10							
	TOTAL	1838.10							
40	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/19 and also comply with IS: 1709/1984 with latest amendment, Rated voltage 220 V/50 Hz, Rated power upto 35 W +/- 10 %, Rated current As per IS:374/19, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value 6.2 CMM / W, Three Blades of blade leaf 1.05 mm thick Aluminium Alloy sheet, Class B motor insulation, Bearing Two ball bearings, Top 6202, Bottom 6201, as per IS specification, Motor winding. Temp rise Shall not exceed 75 deg C over and ambient of 40 0C by resistance method at 245 V, Insulation resistance Shall not be less than Two Mega Ohms (2M Ohms), Leakage current Should not exceed 210 Micro Amp, Power input, W& current, Air Delivery & Fan Speed as per								
			1	2			2		
		each					2	**4129.40**	8258.80
	BR	3754.00							
	Area weitage 10%	375.40							
	TOTAL	4129.40							
	plumbing work								
41	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall(PWD SR 2023-24, VOL 2, PG No-122, I.NO-13.32.1)15 mm nominal dia pipes								
			1	3			3		
		each					3	**339.90**	1019.70
	BR	309.00							
	Area weitage 10%	30.90							
	TOTAL	339.90							
42	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall(PWD SR 2023-24, VOL 2, PG No-122, I.NO-13.32.4)32 mm nominal dia pipes								
			1	10			10		
		each					10	**612.70**	6127.00

	BR	557.00							
	Area weitage 10%	55.70							
	TOTAL	612.70							
43	Providing and fixing white vitreous china pedestal type water closetb (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :(PWD SR 2023-24, VOL 2, PG No-131, I.NO-14.2.1)W.C. pan with ISI marked white solid plastic seat and lid								
			1	2			2		
		Each					2	5321.80	10643.60
	BR	4838.00							
	Area weitage 10%	483.80							
	TOTAL	5321.80							
44	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete.90mm(weight of pipe - 0.917 kg) (PWD SR 2023-24 Vol-V Page No.120, Item No.10.14.3)								
			1	5			5		
		Each					5	231.00	1155.00
	BR	210.00							
	Area weitage 10%	21.00							
	TOTAL	231.00							
45	Providing and fixing white vitreous china wash basin including making all connections but including the cost of fittings (PWD SR 2023-24, VOL 2, PG No135, I.NO-14.25.6)								
			1	2			2		
		Each					2	1800.70	3601.40
	BR	1637.00							
	Area weitage 10%	163.70							
	TOTAL	1800.70							
								Sub total	2118119.65
46	Add 18 % GST								381261.54
47	missallanious & rounding off								618.81
								NET TOTAL	2500000.00

Rupees Twenty five lakhs Only/-

ADMINISTRATIVE SANCTION
Accorded for Rs. 25.00 Lakhs
Head of A/c P1878
Div. Ref. No. 59 Date 28/02/24
AE/DM EE(BTP) BBMP

Technical Sanction
Accorded for 25.00 Lakhs
Head of A/C P1878
CER NO : 94 Dt: 28/02/24

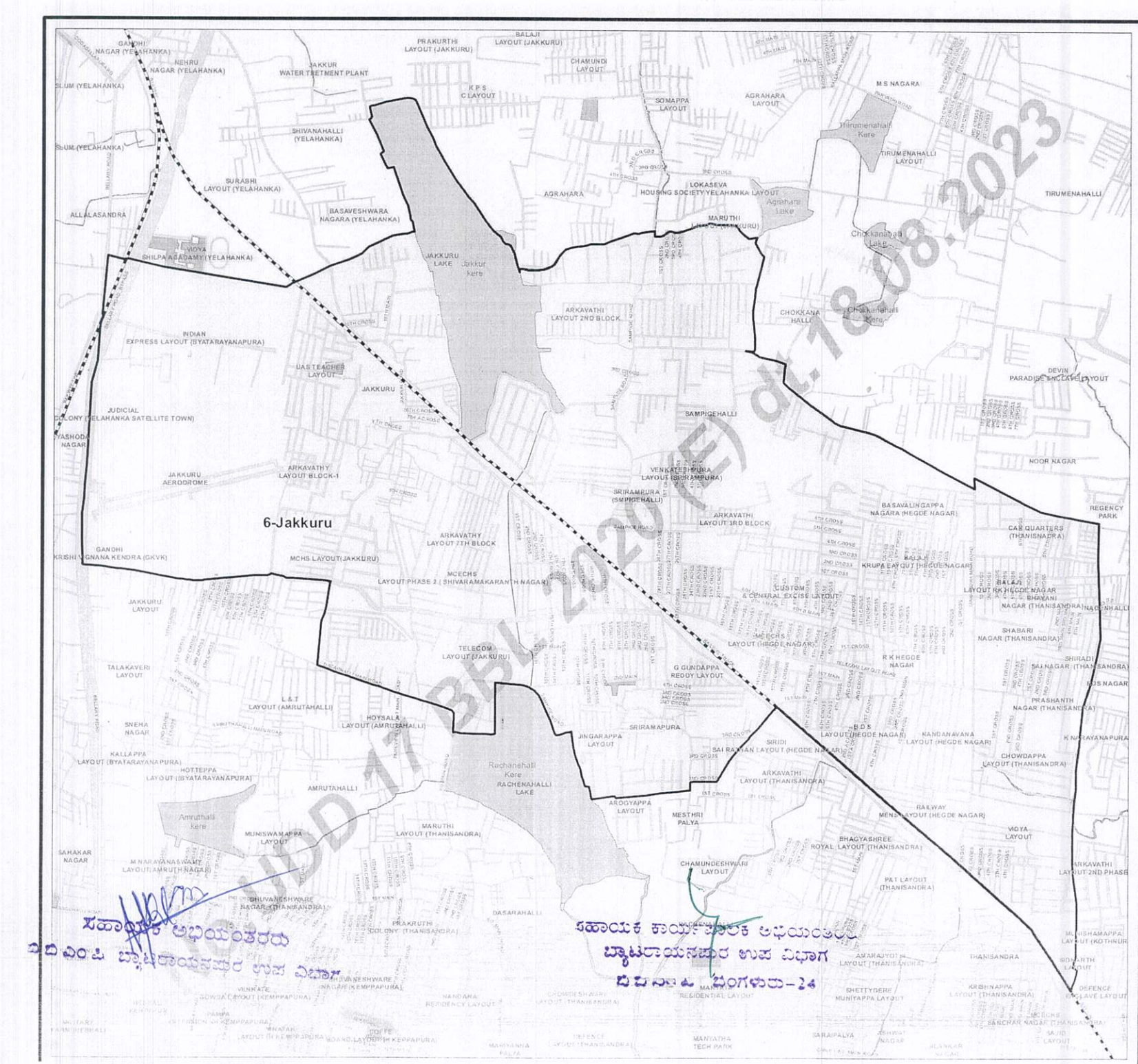
CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019, PWD 2021-2022, Issue rates and Data Rates

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ ಬಿ ಎಂ ಪ ಬೆಂಗಳೂರು-24

Executive Engineer
Byatarayanapura Division
ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ., ಬೆಂಗಳೂರು



N
W E
S

Delimitation of Wards in BBMP - 2023

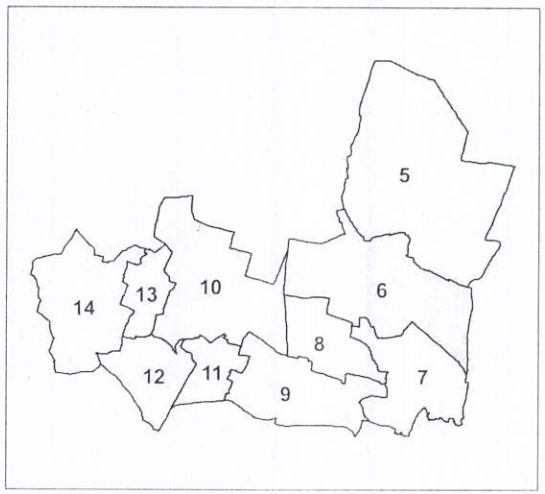
Ward Name

6-Jakkuru

Legend

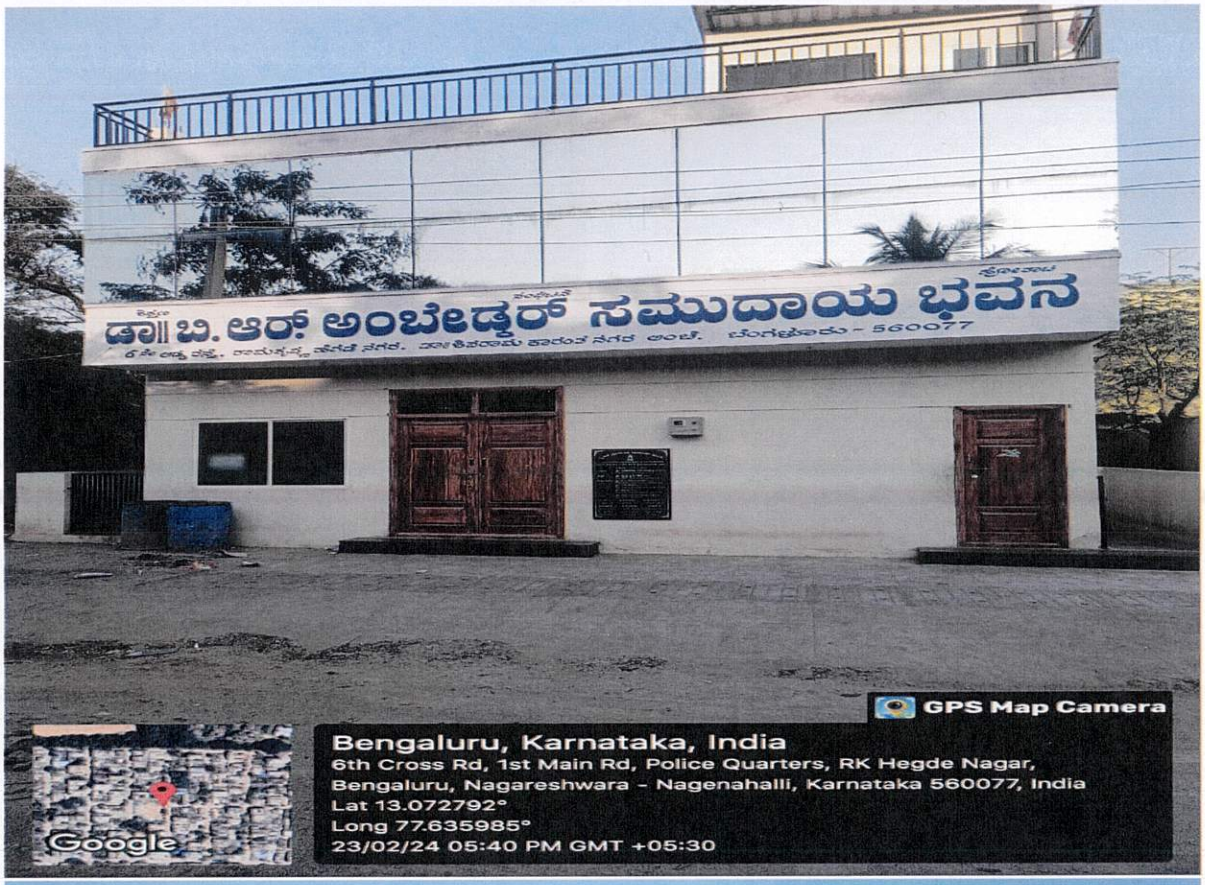
- Delimited Ward Boundary
- Delimited Ward Area
- Road
- Railwayline
- Park
- Tank/ Pond/ Storm Water Drain

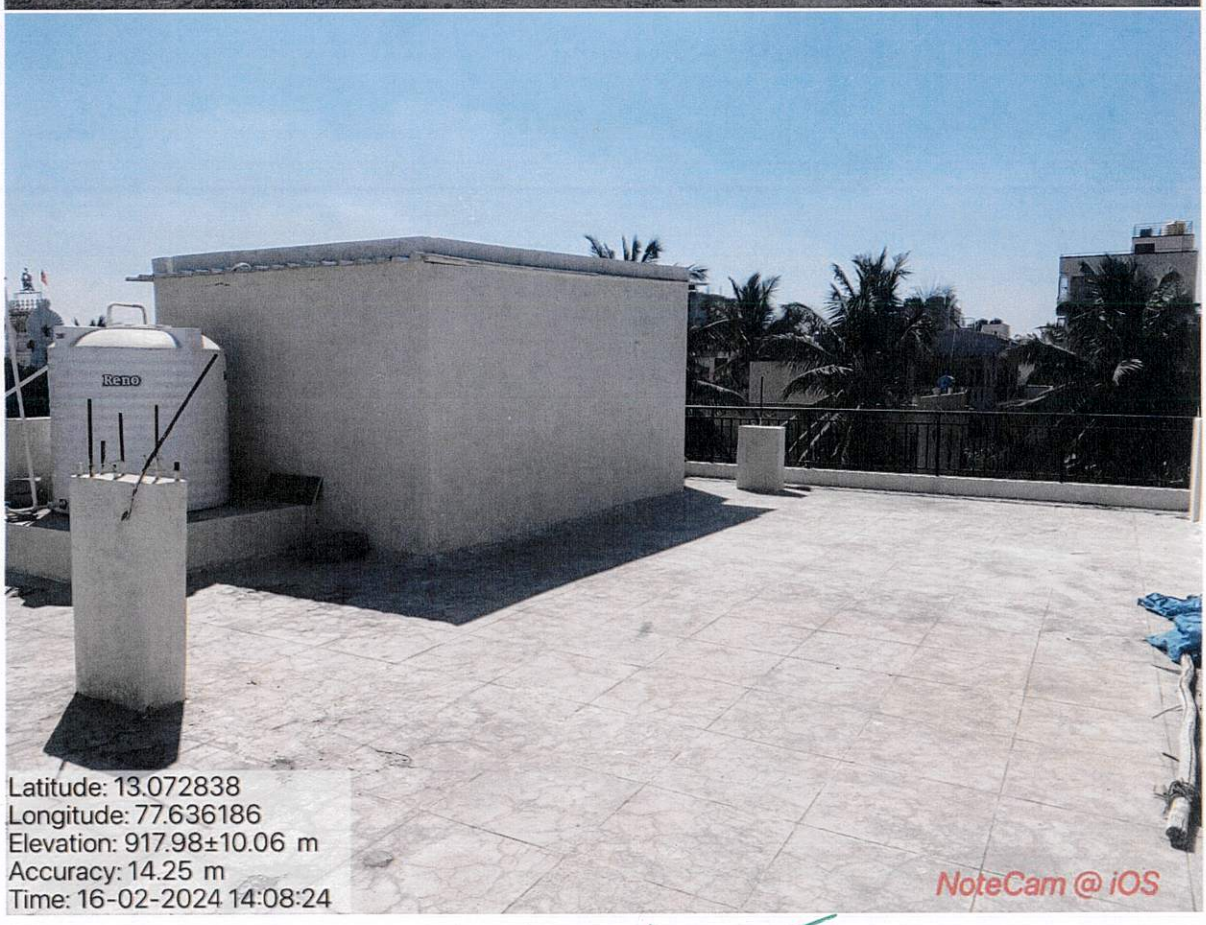
152- Byatarayanapura AC



Government of Karnataka Notification
No.UDD 17 BBL 2020 (E) dt.18.08.2023

Delimitation Commission

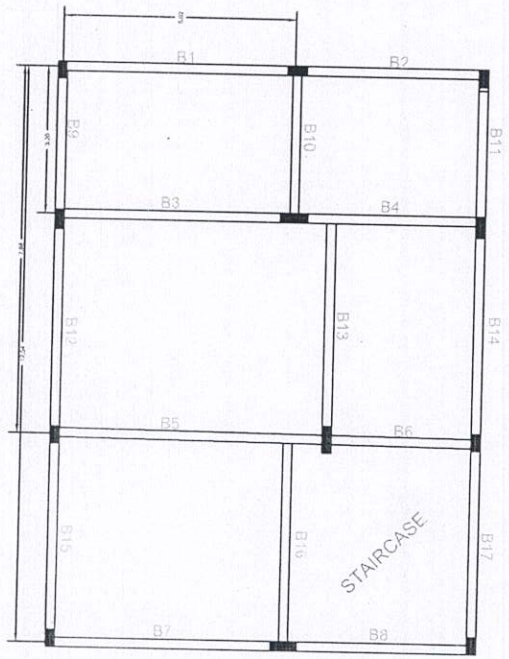




ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು-26

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿಬಿಎಂಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

PLINTH BEAM LAYOUT



N

PLINTH BEAM SCHEDULE

COLUMN GROUP	BEAM NO'S	NO OF BEAMS	SIZE IN MM	BOTTOM REINFORCEMENT AT MIDSPAN	TOP REINFORCEMENT AT SUPPORT	TIES	REMARKS
PBG1	B2,B4,B6,B8, B9,B10,B11,	07	200X375	• 3-12#	• 2-12# + 1-16#	#8 @ 150MM c/c 2 TIES	
PBG2	B1,B7, B12,B13, B14, B15,B16, B17	08	200X450	• 2-12# + 1-16#	• 1-12# + 2-16#	#8 @ 150MM c/c 2 TIES	
PBG3	B3,B5	02	200X600	• 4-16# + 2-20#	• 3-20#	#8 @ 150MM c/c 2 TIES	

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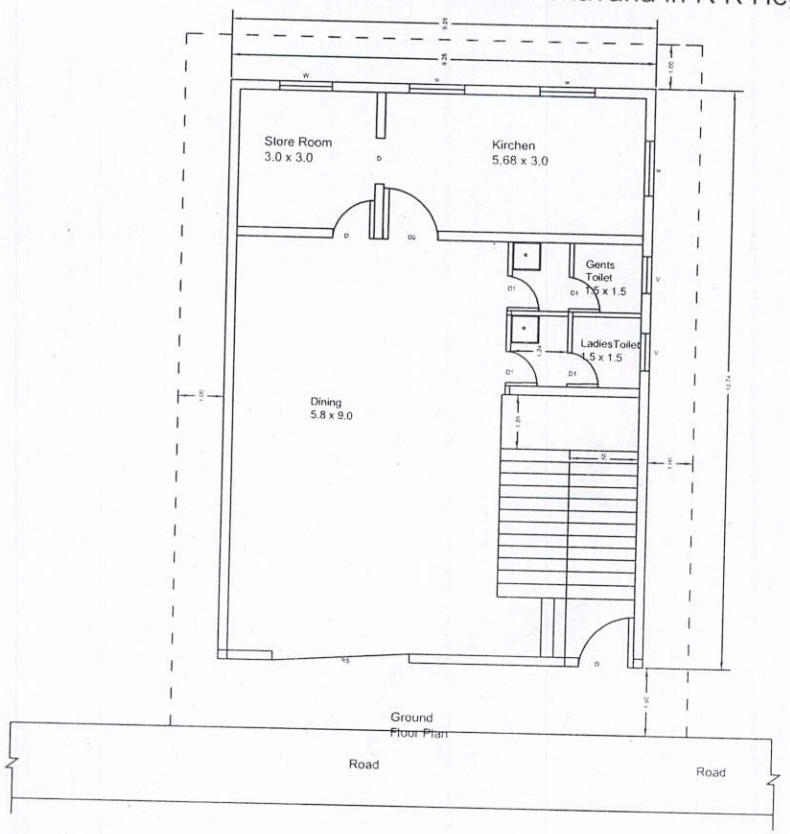
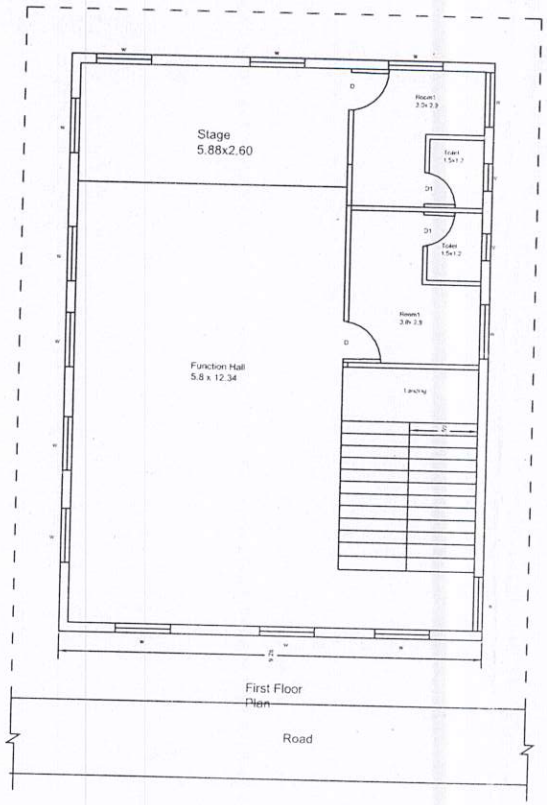
ಬಿಬಿಎಂಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು-26

BRUHATH BENGALURU MAHANAGARA PALIKE

Construction of Ambedkar bhavana in R K Hegade Nagar ward no (old 06 Thanisandra) New 06 - Jalkur.





Schedule of Opening

D = Door = 0.9x2.1

D1 = Door = 0.75x2.1

D2 = Door = 1.2x2.1

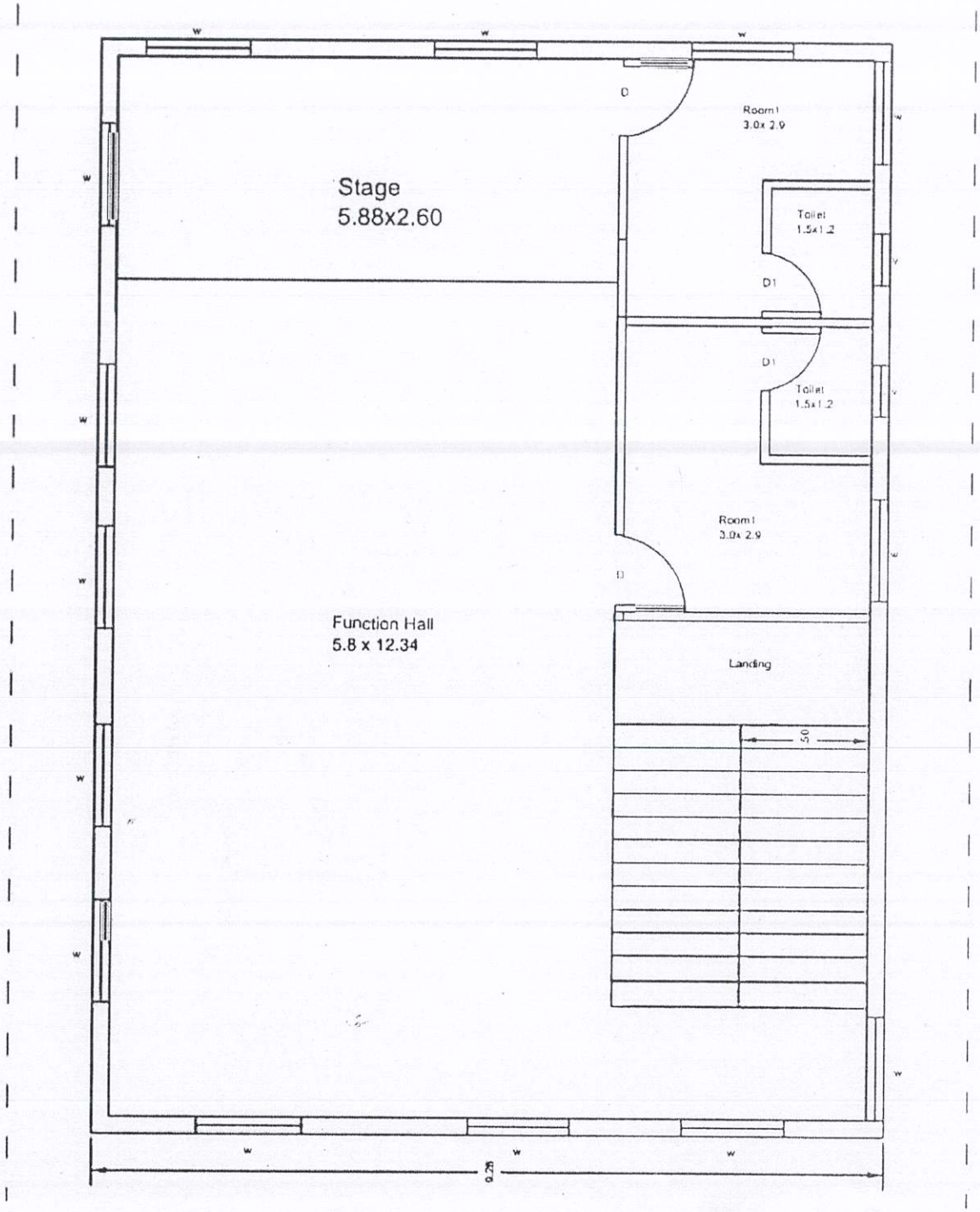
W = Window = 1.5x1.2

v = ventilator = 0.6x0.6

Existing Ground floor and first floor.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬೆಂಗಳೂರು-24



Proposed Second floor plan.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು-26

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ ಎಂ ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ